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	Filing Date		2000-10-06	
	First Named Inventor Kaiser		er, et al.	
STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Art Unit		1637	
(Not for Submission ander 57 OTK 1.55)	Examiner Name Staple		ples, M.	
	Attorney Docket Number	er	FORS-04447	

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4	WO91/09950	wo	1991-07-11	CETUS CORPORATION	Whole Document	
5	WO92/02638	wo	1992-02-20	CETUS CORPORATION	Whole Document	
6	WO92/06200	WO	1992-04-16	F. HOFFMANN-LA- ROCHE AG	Whole Document	
7	WO94/29482	WO	1994-12-22	THIRD WAVE TECHNOLOGIES, INC.	Whole Document	
8	WO95/14106	WO	1995-05-26	ID BIOMEDICAL CORPORATION	Whole Document	
9	WO96/15267	WO	1996-05-23	THIRD WAVE TECHNOLOGIES, INC.	Whole Document	
10	WO96/20287	WO	1996-07-04	BEHRINGWERKE AKTIENGESELLSCHAFT	Whole Document	
11	WO96/40999	WO	1996-12-19	BEHRINGWERKE AKTIENGESELLSCHAFT	Whole Document	
12	WO97/27214	WO	1997-07-31	THIRD WAVE TECHNOLOGIES, INC.	Whole Document	
13	WO98/07830	WO	1998-02-26	THE INSTITUTE FOR GENOMIC RESEARCH	Whole Document	
14	WO98/42873	wo	1998-10-01	THIRD WAVE TECHNOLOGIES, INC.	Whole Document	

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	1	Siegal, et al. "A 5' to 3' exonuclease functionally interacts with calf DNA polymerase ε," Proc. Natl. Acad. Sci. USA 89:9377-9381 (1992)	
	2	Sigman, et al. "Chemical Nucleases," Chem. Rev. 93:2295 (1993)	
	3	Sommers, et al. "Conditional Lethality of Null Mutations in RTH1 That Encodes the Yeast Counterpart of a Mammalian 5'- to 3'-Exonuclease Required for Lagging Strand DNA Synthesis in Reconstituted Systems," J. of Biol. Chem. 270:4193-4196 (1995)	
	4	Stark "Multicopy expression vectors carrying the lac repressor gene for regulated high-level expression of genes in Escherichia coli," Gene 5:255-267 (1987)	
	5	Studier, et al. "Use of Bacteriophage T7 RNA Polymerase to Direct Selective High-level Expression of Cloned Genes," J. Mol. Biol. 189:113-130 (1986)	
	6	Tindall, et al. "Fidelity of DNA by the Thermus aquaticus DNA Polymerase," Biochem. 27:6008-6013 (1988)	
	7	Tuerk, et al. "Systematic Evolution of Ligands by Exponential Enrichment: RNA Ligands to Bacteriophage T4 DNA Polymerase," Science 249:505-510 (1990)	
	8	Turchi, et al. "Enzymatic completion of mammalian lagging-strand Dna replication," Proc. Natl. Acad. Sci. USA 91:9803-9807 (1994)	
	9	Urdea, et al. "A novel method for the rapid detection of specific nucleotide sequences in crude biological samples without blotting or radioactivity; application to the analysis if hepatitis B virus in human serum," Gene 61:253-264 (1987)	

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	10	Wu, et al. "Processing of branched DNA intermediates by a complex of human FEN-1 and PCNA," Nucleic Acids Research 24:2036-2043 (1996)						
	11	Wu, et al. "The Ligation Amplification Reaction (LAR) – Amplification of Specific DNA Sequences Using Sequential Rounds of Template-Dependent Ligation," Genomics 4:560-569 (1989)						
	12	Xu, et al. "Biochemical and Mutational Studies of the 5'-3' Exonuclease of DNA Polymerase 1 of Escherichia coli," J. Mol. Biol. 268:284-302 (1997)						
	13	Youil, et al. "Screening for Mutations by Enzyme Mismatch Cleavage with T4 Endonuclease VII," Proc. Natl. Acad. Sci. USA 92:87-91 (1995)						
	14	Zwickl, et al. "Glyceraldehyde-3-Phosphate Dehydrogenase from the Hyperthermophilic Archaebacterium Pyrococcus woesei: Characterization of the Enzyme, Cloning and Sequencing of the Gene, and Expression in Escherichia coli," J. Bact. 172:4329-4338 (1990)						
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